

Name: \_\_\_\_\_

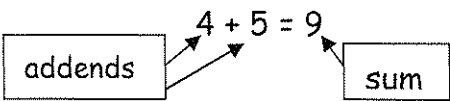
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# Estimating Sums

## Vocabulary

\_\_\_\_\_ the answer to an addition problem.

\_\_\_\_\_ the numbers to be added in an addition problem.



## How To Estimate Sums:

1. Find the greatest place value both **addends** have in common and circle it.

$$3\textcircled{6}5 + \textcircled{4}2 =$$

The greatest place both addends have in common is the tens place

2. Round each of the addends to the circled place value.

$$\begin{array}{r} 3\textcircled{6}5 \\ \downarrow \\ 370 \end{array} + \begin{array}{r} \textcircled{4}2 \\ \downarrow \\ 40 \end{array} =$$

3. Add the rounded numbers to find the sum.

$$370 + 40 = 410$$

Let's try a few together.

1.  $3,678 + 233$

= \_\_\_\_\_

2.  $525 + 793$

= \_\_\_\_\_

3.  $346 + 164$

= \_\_\_\_\_

4.  $891$

$+ 175$      $+ \underline{\hspace{2cm}}$

5.  $2,199$

$+ 378$      $+ \underline{\hspace{2cm}}$

6.  $6,145$

$+ 2,836$      $+ \underline{\hspace{2cm}}$

Now try a few on your own.

7. 1.  $3,678 + 233$

= \_\_\_\_\_

8.  $791 + 215$

= \_\_\_\_\_

9.  $513 + 672$

= \_\_\_\_\_

**Estimate Sums****P** **3-6**  
**PRACTICE**

Estimate each sum. Show your work.

3-6 Homework

1.  $478 + 597$  \_\_\_\_\_
2.  $\$8.65 + \$7.15$  \_\_\_\_\_
3.  $\$0.32 + \$0.65$  \_\_\_\_\_
4.  $4,990 + 405$  \_\_\_\_\_
5.  $2,188 + 5,621$  \_\_\_\_\_
6.  $47,522 + 3,721$  \_\_\_\_\_
7.  $863,122 + 254,087$  \_\_\_\_\_

Add. Estimate to check if your answer is reasonable.

8.  $621 + 308 =$  \_\_\_\_\_
9.  $2,188 + 5,621 =$  \_\_\_\_\_
10.  $\$4.20 + \$8.12 =$  \_\_\_\_\_
11.  $601,128 + 328,125 =$  \_\_\_\_\_

Compare. Write  $>$  or  $<$  to make a true sentence.

12.  $176 + 335$    $400$
13.  $243 + 50$    $300$
14.  $500$    $251 + 127$
15.  $900$    $895 + 68$
16.  $1,348 + 2,489$    $5,000$
17.  $4,725 + 321$    $3,923 + 289$
18.  $9,000$    $4,487 + 5,672$
19.  $8,000$    $6,081 + 950$
20.  $22,152 + 28,174$    $60,000$
21.  $49,912 + 2,839$    $5,000$

**Problem Solving**

Solve.

22. Julio wants to buy drawing paper for  $\$8.50$  and brushes for  $\$19.95$ . About how much will he spend?  
\_\_\_\_\_
23. The fourth-grade students make 268 posters about bicycle safety. The fifth-grade students make 229. About how many posters do the students make altogether?  
\_\_\_\_\_